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Panasonic

Operating Instructions

DVI Input board

Model No. AV-HS04M3

ENGLISH

DEUTSCH

FRANÇAIS

ITALIANO

ESPAÑOL

РУССКИЙ

日本語

Before operating this product, please read the instructions carefully and save this manual for future use.

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Introduction

When this board is installed in the AV-HS400N/E multi format line switcher, it enables two DVI-I input lines to be supported.
Each of the two DVI-I input lines supports XGA, SXGA and WXGA (60 Hz) signals.

Accessory

Operating instructions 1

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Precautions for use

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- **Handle carefully.**

  Do not drop the product, or subject it to strong shock or vibration.

- **Use the product in an ambient temperature of 32 °F to 104 °F (0 °C to 40 °C).**

  Avoid using the product at a cold place below 32 °F (0 °C) or at a hot place above 104 °F (40 °C) because extremely low or high temperature will adversely affect the parts inside.

- **Power off before connecting or disconnecting cables.**

  Before plugging or unplugging the cables, be sure to switch power off.

- **Avoid humidity and dust.**

  Avoid using the product at a humid, dusty place because much humidity and dust will cause damage to the parts inside.

- **When the product is to be discarded**

  When the product is to be discarded at the end of its service life, ask a specialized contractor to dispose of it properly in order to protect the environment.

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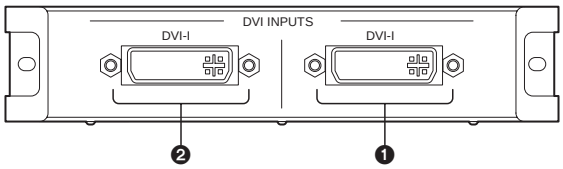
Name of each part



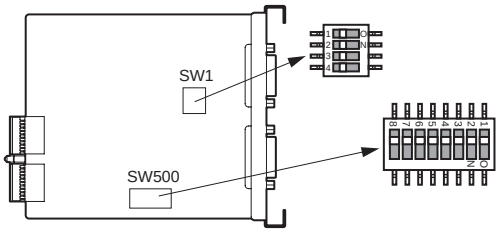
❶ DVI-I input connectors [DVI INPUTS]

When connected to the SLOT1 option input connector: INPUT5
When connected to the SLOT2 option input connector: INPUT7

❷ DVI-I input connectors [DVI INPUTS]

When connected to the SLOT1 option input connector: INPUT6
When connected to the SLOT2 option input connector: INPUT8

❸ Setting switches



<Setting switch table>

SW1

Switch no.		Off	On	Factory setting
1	Reserved	—	—	Off
2	Reserved	—	—	Off
3	Reserved	—	—	Off
4	Reserved	—	—	Off

Use switches no. 1 to 4 at the “off” (factory setting) position.

SW500

Switch no.		Off	On	Factory setting
1	Reserved	—	—	Off
2	Reserved	—	—	Off
3	Reserved	—	—	Off
4	Reserved	—	—	Off
5	Reserved	—	—	Off
6	Reserved	—	—	Off
7	Reserved	—	—	Off
8	Reserved	—	—	Off

Use switches no. 1 to 8 at the “off” (factory setting) position.

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Mounting

Install this board in the multi-format live switcher AV-HS400N/E.

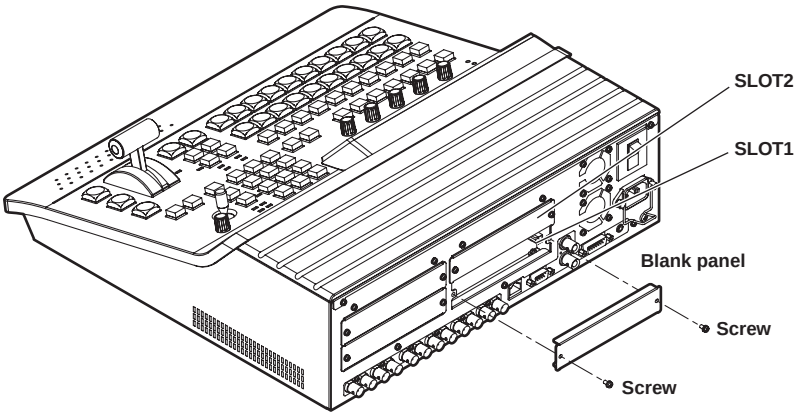
<Notes>

- Be sure to ask the store or dealer where you purchased the product for assistance with mounting and removal.
- Set to OFF and unplug the power connector before mounting and removal.
- Before handling this board, touch a metal part of the AV-HS400N/E to discharge the static electricity from the human body.
  An anti-static wrist strap is recommended for safety. Failures may be caused if you touch this board while you are still charged with static electricity.
- Keep the metal parts of this board free of contact with other metal parts.
- Be sure to mount the blank panel installed with the AV-HS400N/E, after removing this board.
- When installing or removing this board, take care not to hurt yourself on the edges and metal parts of the boards.

ENGLISH

① Turn off the power of the AV-HS400N/E, and unplug the power cord.

② Loosen the two screws of SLOT1 or SLOT2 on the input side at the rear of the AV-HS400N/E, and remove the blank panel.



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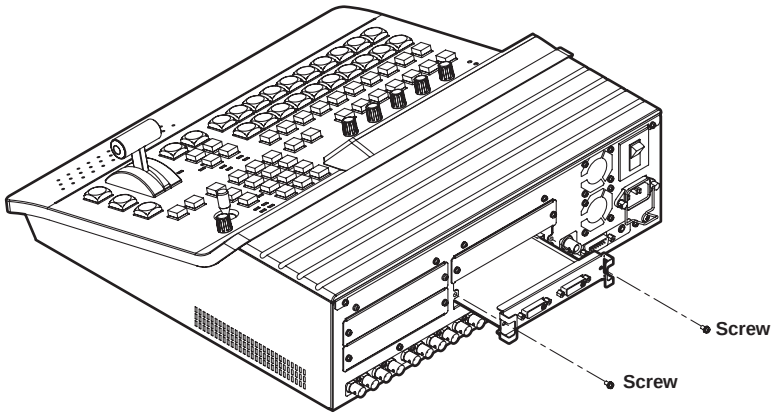
Mounting

③ Align the board with the guide rails, and insert it slowly.
Insert it all the way in. Take care not to use force to insert the board because the connectors may be damaged in the process.

④ Attach the board using the two screws.



⑤ After connecting the necessary cables, plug in the power cord, and turn on the power.

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Mounting

Checking that the board has been mounted correctly

Turn on the power of the AV-HS400N/E, and use the menu used to display the statuses of the option boards to check that the board has been mounted correctly.

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① Press the [FUNC] button to light its indicator, and press the [SYSTEM] button to display the SYSTEM menu.

② Turn [F1] to display the OptVer sub menu.

<Menu display>

OptVer	Select	Board	Version
14/14	IN-SL1	DVI	****

③ Turn [F2] to select the option slot (IN-SL1 or IN-SL2) using the Select item.

If the board has been mounted correctly, “DVI” will appear at the Board item.
If it has not been mounted correctly, “None” will appear at the Board item.

For details on the input signal settings and operating methods, refer to the operating instructions of the AV-HS400N/E.

4-3. Setting the DVI input signals
5-2. Setting the crosspoints

Removal procedure

Remove this board by following the procedures for mounting it in reverse.

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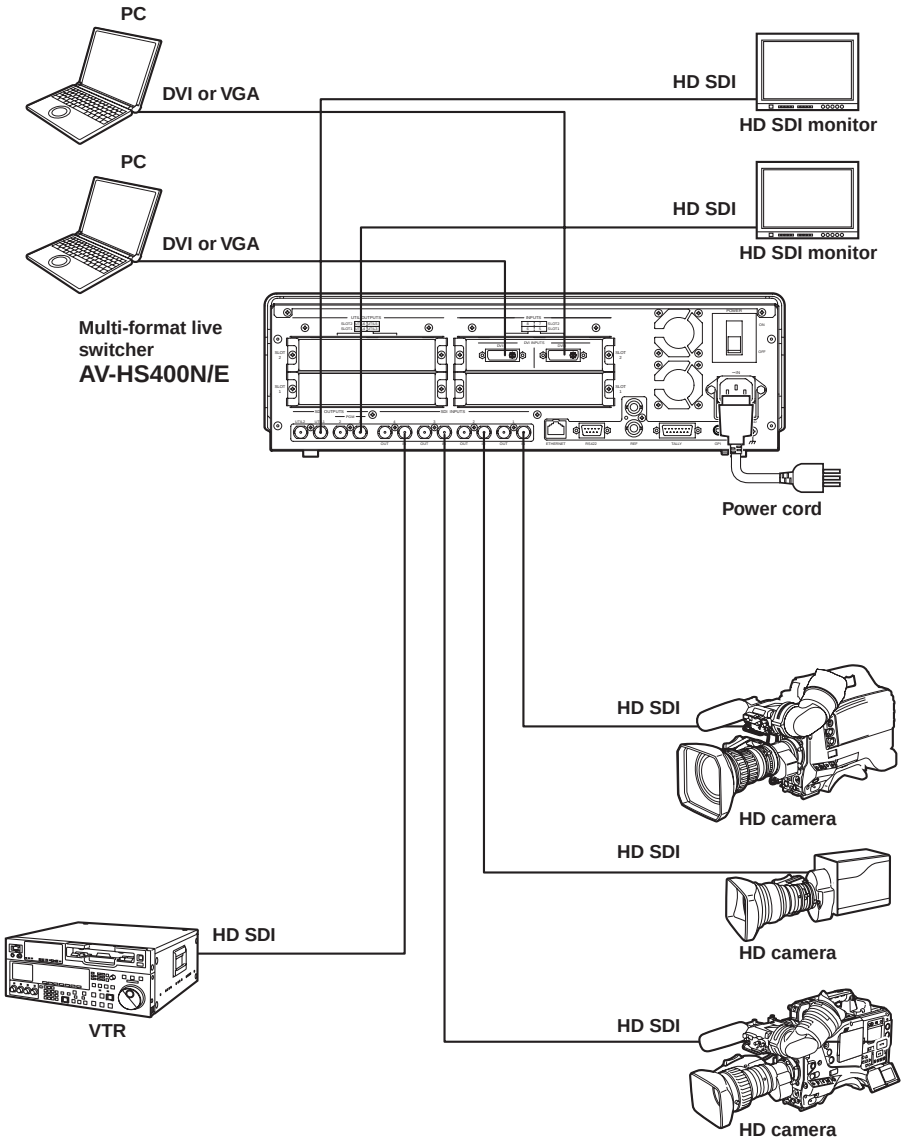
Connections

Connections when not implementing gen-lock (frame synchronizer ON)



- Make the connection with this board while the power is off.
- For details on connecting individual devices, refer to the respective operating instructions.
- For details on operating individual devices, refer to the respective operating instructions.

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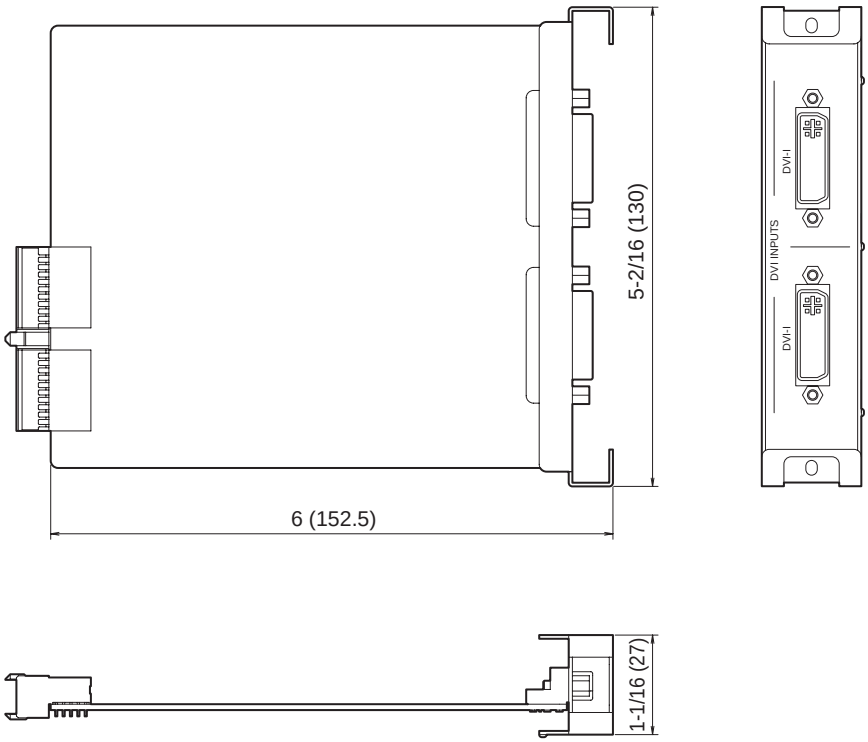
Appearance

Unit: Inch (mm)



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Specifications

DVI-I input	XGA 1024 × 768, WXGA 1280 × 768, SXGA 1280 × 1024 Vertical frequency: 60 Hz	
	DVI-I ×2	
Ambient operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Humidity	10 % to 90 % (no condensation)	
Power supply	DC 12 V (supplied from the AV-HS400N/E)	
	Power consumption	?? W
Dimensions (W × H × D)	6˝ × 1-1/16˝ × 5-2/16˝ (152.5 × 27 × 130 mm)	
Weight	0.4 lbs. (0.2 kg)	

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